

Machine learning architecture

 Sanjat Kanjilal  Michael Oberst  David Sontag  Sanjat Kanjilal

Updated date: Jun 27, 2021

 An abbreviated version of this protocol was published in Science Translational Medicine in Nov 2020

A decision algorithm to promote outpatient antimicrobial stewardship for uncomplicated urinary tract infection

DOI: 10.1126/scitranslmed.aay5067

Detailed protocol

We have released our code, which is archived on Zenodo [<http://doi.org/10.5281/zenodo.4050733>] and is also accessible through Github [<https://github.com/clinicalml/amr-uti-stm>].

Included with this code are instructions for replicating our results on the public version of the dataset, obtainable through PhysioNet:

<https://physionet.org/content/antimicrobial-resistance-uti/1.0.0/>

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Kanjilal, S. , Oberst, M. , Sontag, D. and Kanjilal, S. (2021). Machine learning architecture. Bio-protocol Preprint. bio-protocol.org/prep1218.
2. Kanjilal, S., Oberst, M., Boominathan, S., Zhou, H., Hooper, D. C. and Sontag, D.(2020). A decision algorithm to promote outpatient antimicrobial stewardship for uncomplicated urinary tract infection. Science Translational Medicine 12(568). DOI: [10.1126/scitranslmed.aay5067](https://doi.org/10.1126/scitranslmed.aay5067)

Copyright: Content may be subjected to copyright.